

IN THE SPECIFICATION:

Please amend the Abstract of Disclosure as follows:

Disclosed is a wavelength division multiplexing-passive optical network (WDM-PON) that ~~enables the integration of broadcast~~integrates broadcast and communication data, ~~in which digital broadcasting and communication services are integrated and~~ transmitted using WDM. An optical line terminal (OLT), connected to a broadcasting network and an Internet protocol (IP)-network, receives a digital broadcast signal from the broadcasting network and a first communication signal from the IP network, and transmits them as a single (broadcast/communication) integrated optical signal after their photoelectric conversion, and further transfers a second communication signal from a service user to the IP network. An ~~optical-network-terminal~~OLT/optical-network unitONU on the user side transfers the integrated optical signal from the ~~optical-line terminal~~OLT to the user, and transfers channel-information data of a digital broadcast desired by the user and user data including the second communication signal from the user to the ~~optical-line terminal~~OLT. A first WDM demultiplexer WDM-demultiplexes the single signal and transfers it to the ~~optical-network-terminal~~OLT/optical-network unitONU. A first WDM multiplexer WDM-multiplexes the user data and transfers it to the ~~optical-line terminal~~OLT.